RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/510,148A_
Source: _1FWP_
Date Processed by STIC: _9/22/06_

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: _10/510,148A_

CRF Edit Date: _9/22/06_
Edited by: _____

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence
text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID
NO's edited:

_____

__✓__ Deleted: __✓__ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

IFWP

RAW SEQUENCE LISTING   DATE: 09/22/2006
PATENT APPLICATION: US/10/510,148A   TIME: 16:42:31

Input Set : **N:\AMC\9308060_1.txt**
Output Set: **N:\CRF4\09222006\J510148A.raw**

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  6 <120> TITLE OF INVENTION: PRLZ REGULATORY ELEMENTS IN THE
  7       TREATMENT OF DISEASE AND THE DISCOVERY OF THERAPEUTICS
  9 <130> FILE REFERENCE: 3004588-7049312001
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C--> 11 <141> CURRENT FILING DATE: 2004-10-05
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 12 <151> PRIOR FILING DATE: 2003-04-07
 14 <150> PRIOR APPLICATION NUMBER: US 60/370,557
 15 <151> PRIOR FILING DATE: 2002-04-05
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222 cagccagact ccacattaga taaagtaatc atggaaatac agctttattt ttataccaag   11760
223 ttgtgcttag aaagctgatt gctaaaccag gaagcttggc tttcagaatt ttactgtaat   11820
224 ccagggtgga aaaaagtat cactcagatg gcatttgtgg gagattactg actggtaatc   11880
225 cctccttgtc ctagaagatt aagtctgccc tggtgtagtc atggtcagct gattttttta   11940
226 tttatttatt ttaaataaat tgtagtttct tgttgtaagt cagccagtgt ctgatgtttg   12000
230 <210> SEQ ID NO: 2
231 <211> LENGTH: 191166
232 <212> TYPE: DNA
233 <213> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 2
236 gaattcattg agctacacac tttacacaat ggaatgtctg caacaagcct atgaggtagg     60
237 attccctaaa ctcagagagc ttaagtaacc tgcccaccat cacacagcta ataaaatgta    120
238 aagtccacat tcaaattcct gtctgcctga attaaaagct catgattttt ctggaattcc    180
239 tttagacttt ataatagaaa atgaagcata acttctatct tgaaacacct gtttcttttt    240
240 tttaagacat attaatatat cttaaaaa atgttttta cagagtcagg gtcttgctct    300
241 gttgctcagt ctggagtgtg gtggcttgat cgtagctcac tgcaccctca aactcctggt    360
242 ctcaagcaac cttcccacct cagtctccca agcagctggg ccatgggcc catgccactg    420
243 caccagctaa ttttaaaaa aaagttatt ttctttgcag agacagggtc tcactatgtt    480
244 gcccaggctg atctcaaact gctggggctc aagcaatcct cctgcctcag cctcccaaag    540
245 cattcttaat gtccctttac tatcattttg tgcagaatcg tgtcccaagt tcatcacaca    600
246 gtgctatggt gattgatacg ctatttgcag ggcaaataag agtagtagcg gtagtagtaa    660
247 taataattca tttcttatta taaagcattt ttacagtttt aaaataattt ttaaaacata    720
248 tatcttgatc ttttcaggag tcttatgact cctgacaggc aagtctcact attgtttact    780
249 gttgataaga actctgaagt ttggcccagc actgtggctc acgcctataa tcccagcact    840
250 ttgggaggct gagatgggag gctcacacaa acccaggaat tcgagaccag ccaggacaac    900
251 atgatgagac cccatctcct taaaaaataa aaaaattagc cagccatggt ggcacgtact    960
252 cctggtccca gctactcagg agaattaggc ggtaggatca cttttgagcc caggaggtca   1020
```

VERIFICATION SUMMARY   DATE: 09/22/2006
PATENT APPLICATION: **US/10/510,148A**   TIME: 16:42:32

Input Set : **N:\AMC\9308060_1.txt**
Output Set: **N:\CRF4\09222006\J510148A.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:3671 M:283 W: Missing Blank Line separator, <220> field identifier

Raw Sequence Listing before editing
(for reference only)

IFWφ

RAW SEQUENCE LISTING   DATE: 09/20/2006
PATENT APPLICATION: US/10/510,148A   TIME: 11:13:45

Input Set : **E:\9308060_1.txt**
Output Set: **N:\CRF4\09202006\J510148A.raw**

```
     4 <110> APPLICANT: Ruoxing Wang et al.
     6 <120> TITLE OF INVENTION: PRLZ REGULATORY ELEMENTS IN THE
     7         TREATMENT OF DISEASE AND THE DISCOVERY OF THERAPEUTICS
     9 <130> FILE REFERENCE: 3004588-7049312001
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/510,148A
C--> 12 <141> CURRENT FILING DATE: 2004-10-05
    14 <150> PRIOR APPLICATION NUMBER: US 60/370,557
    15 <151> PRIOR FILING DATE: 2002-04-05
    17 <160> NUMBER OF SEQ ID NOS: 19
    19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
    3765 <210> SEQ ID NO: 19
    3766 <211> LENGTH: 24
    3767 <212> TYPE: DNA
    3768 <213> ORGANISM: Artificial Sequence
    3770 <220> FEATURE:
    3771 <223> OTHER INFORMATION: Synthetic Primer
    3773 <400> SEQUENCE: 19
    3774 gagtaggtga tccgggtgga gatg                          24
E--> 3775 1
E--> 3778 1
E--> 3781 dcimanage/9308060.1
```

Does Not Comply
Corrected Diskette Needed

VARIABLE LOCATION SUMMARY   DATE: 09/20/2006
PATENT APPLICATION: US/10/510,148A   TIME: 11:13:46

Input Set : E:\9308060_1.txt
Output Set: N:\CRF4\09202006\J510148A.raw

Use of n's or Xaa's(NEW RULES):
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:19; N Pos. 29

VERIFICATION SUMMARY   DATE: 09/20/2006
PATENT APPLICATION: **US/10/510,148A**   TIME: 11:13:46

Input Set : **E:\9308060_1.txt**
Output Set: **N:\CRF4\09202006\J510148A.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:3671 M:283 W: Missing Blank Line separator, <220> field identifier
L:3775 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:3778 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:3781 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:19
L:3781 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:19
L:3781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:24
L:3781 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:35 SEQ:19
L:3781 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11
L:3781 M:112 C: (48) String data converted to lower case,
L:3781 M:252 E: No. of Seq. differs, <211> LENGTH:Input:24 Found:35 SEQ:19